Vertical Laminar Airflow Cabinet

Model **MSIDX3.5FTPROCN** | Brand **Master Science** | Unit **Pc**



Vertical Laminar Airflow Cabinet

The Vertical Laminar Clean Bench provides a high-quality, clean, and controlled work environment that adheres to strict cleanliness standards. Designed for laboratories and cleanroom applications, it ensures effective airflow management and contamination control.

KEY HIGHLIGHTS

- Side Windows
- Hood Material

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Key Features

PASSES THROUGH A HEPA FILTER USING A HIGH-EFFICIENCY FAN.

Distributes clean air vertically downward for uniform airflow across the workspace.

Side Windows
Transparent panels for enhanced visibility.

EQUIPPED WITH A HEPA FILTER FOR SUPERIOR AIR PURIFICATION.

This clean bench is ideal for laboratories, pharmaceutical facilities, and precision-driven industries requiring a contamination-free workspace.

Hood Material
Polypropylene

This Vertical Laminar Clean Bench is a robust and reliable solution for ensuring contamination-free workspaces. It combines advanced performance, durability, and user convenience, making it a valuable addition to any laboratory or cleanroom.

Technical Specifications

GENERAL	
General	WorktopStainless Steel 304 for durability and easy cleaning.
General	Outer Dimensions (W x D x H) (Inches)47.2 x 33.4 x 51.9
General	Outer Dimensions (W x D x H) (Millimeters)1200 x 850 x 1320
General	Air Velocity0.33 m/s (66 fpm)

GENERAL

General	Noise Level<54 dB (measured 20 cm from the worktop, 1.2 m above ground)
General	Light TypesUV 366 nm, UV 254 nm, VIS
General	Illumination800 lux LED lighting
General	Power Supply220 V, 50/60 Hz, Single Phase
General	Indoor FacilityTwo socket outlets
General	Extra FacilityVacuum pump installation arrangement (vacuum pump included)
General	Pre-Filter5 µm filter
General	Final FilterHEPA Filter (Efficiency of 99.9995% at 0.3 microns, H14)
General	Worktop MaterialStainless Steel 304
General	Front Window5 mm safety acrylic transparent plastic with a counterweight system for easy adjustment.
General	Dimensions
General	Lighting and Electrical
General	Filter and Fan System
General	Blower FanHigh-efficiency centrifugal fan with adjustable speed control via a regulator

WORKSPACE DIMENSIONS

Inches	42.1 x 27.5 x 29.5
Millimeters	1070 x 700 x 750
Workspace Dimensions	Custom sizes are available upon request to meet specific requirements.